

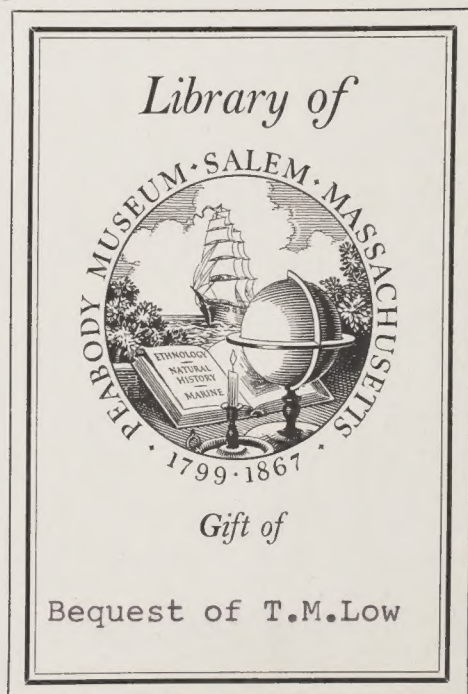
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No 2

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Acc. 19, 308

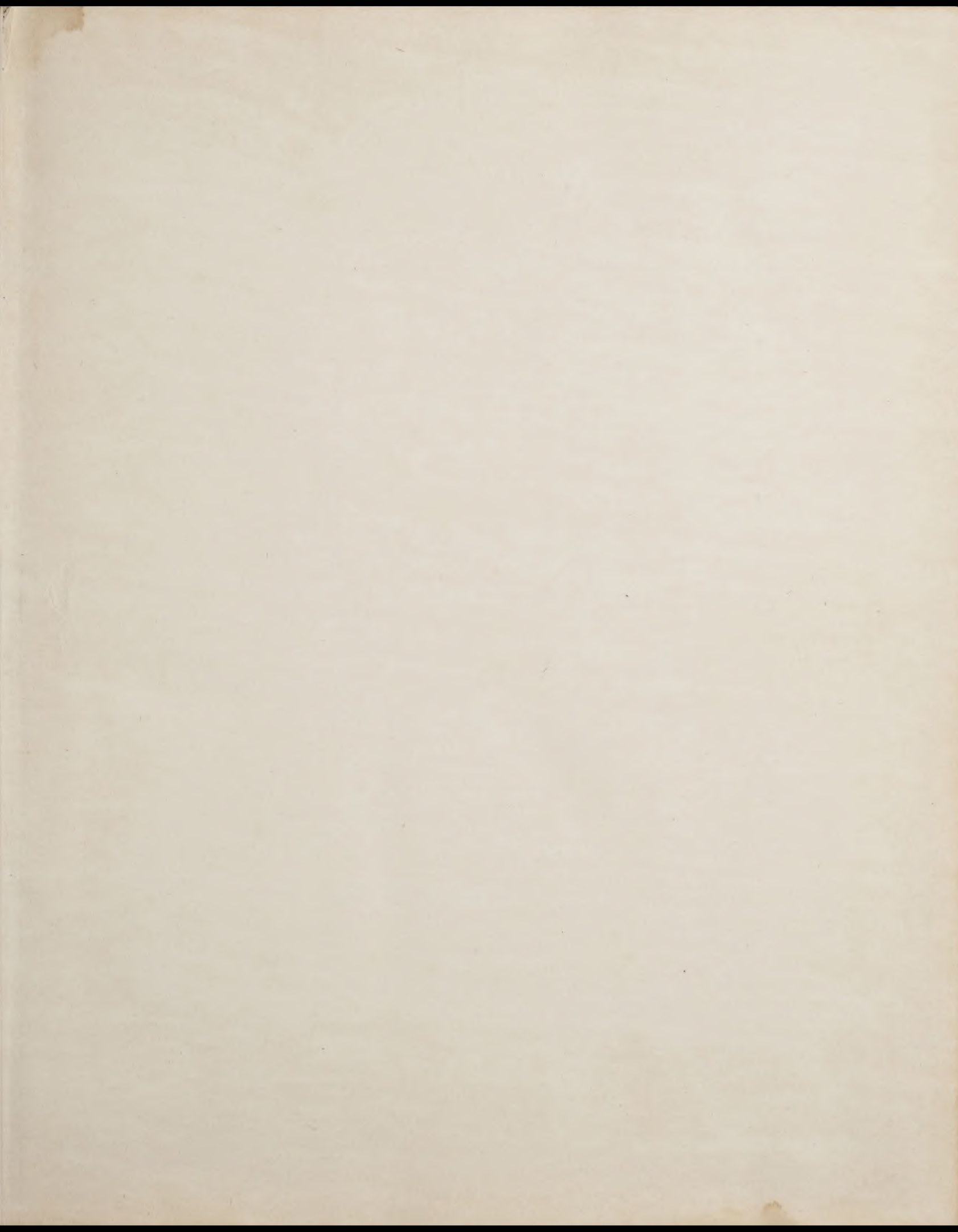
Abstract 4 Page 6: Hauger (2 v)

H. B. Palmer (12 v)

Samuel Russell

Jacob Bell





Abstract Log of Ship "Hongua" Chas Low

Date	Lat	Long	Course	Dist	W. Dist	Bar	Air	Water	Days out	Winds
1847 Nov 4 th	^{North} 40° 04'	72° 28'	S 78° E	65	65	29° 50	55°	58°	1	N N W. S E.
" 5 th	39° 29'	70° 38'	S 66° E	90	155	29° 70	60°	60°	2	N W. S W.
" 6 th	38° 19'	66° 7'	S 66° E	216	377	29° 50	65°	70°	3	N S W. N N
" 7 th	37° 46'	60° 36'	S 82° E	271	642	29° 55	70°	72°	4	N N W. N N W
" 8 th	35° 54'	56° 30'	S 61° E	226	868	29° 50	72°	72°	5	N W. N N
" 9 th	34° 27'	52° 11'	S 66° E	228	1096	29° 90	72°	74°	6	N N W. N N W
" 10 th	32° 59'	48° 43'	S 62° E	190	1286	29° 80	73°	75°	7	N W. E by N
" 11 th	31° 9'	46° 17'	S 48° E	170	1456	29° 80	74°	76°	8	East. E N E
" 12 th	28° 27'	43° 25'	S 40° E	224	1680	29° 80	75°	77°	9	E N E. N N W
" 13 th	27° 14'	40° 52'	S 60° E	155	1835	29° 50	76°	78°	10	E N E. S W
" 14 th	26° 3'	38° 11'	S 62° E	164	1999	29° 60	78°	78°	11	S S W. S S W
" 15 th	25° 25'	35° 21'	S 74° E	157	2156	29° 60	78°	78°	12	S W. S W
" 16 th	24° 7'	36° 25'	S 35° W	98	2254	29° 60	78°	78°	13	S S E. S W
" 17 th	21° 6'	36° 30'	S 4° W	181	2435	29° 70	79°	80°	14	S E. E S E
" 18 th	18° 7'	35° 10'	S 22° E	195	2630	29° 80	79°	80°	15	E by S. E by S
" 19 th	15° 9'	33° 23'	S 30° E	206	2836	29° 80	80°	80°	16	East. E by S
" 20 th	12° 19'	31° 26'	S 34° E	206	3042	29° 80	82°	82°	17	East. E by N
" 21 th	9° 39'	30° 23'	S 21° E	175	3217	29° 70	82°	82°	18	E by N. S E
" 22 nd	7° 26'	29° 49'	S 14° E	138	3355	29° 70	83°	83°	19	S E. East
" 23 rd	5° 00'	29° 9'	S 15° E	145	3500	29° 70	84°	83°	20	E. E S E
" 24 th	4° 58'	28° 36'	S 5° E	28	3528	29° 60	83°	84°	21	Calm. Calm
" 25 th	3° 01'	29° 44'	S 30° W	136	3664	29° 70	85°	84°	22	S E. S S E
" 26 th	^{North} 0° 31'	31° 22'	S 33° W	179	3843	29° 70	85°	85°	23	S E. S E
" 27 th	^{South} 2° 27'	31° 26'	S 5° W	178	4021	29° 70	85°	86°	24	S E by E. S E
" 28 th	5° 50'	31° 34'	S 4° W	203	4224	29° 70	83°	84°	25	S E by E. E S E
" 29 th	9° 03'	31° 37'	S 4° W	195	4414	29° 80	82°	83°	26	E S E. E S E
" 30 th	12° 10'	31° 27'	S 2° W	187	4606	29° 80	81°	82°	27	E by S. E by S
Dec 1 st	15° 38'	30° 33'	S 14° E	215	4821	29° 80	80°	80°	28	East. East
" 2 nd	19° 23'	29° 32'	S 14° E	232	5053	29° 80	79°	80°	29	East. E by N
" 3 rd	22° 53'	28° 08'	S 20° E	225	5278	29° 80	78°	78°	30	E by N. E by N

Commander from New York towards Shanghai. 1847

Remarks.

N N E	at noon Highlands of Newcork bore west 10 miles. Light airs from N N W to North.
N W	Light airs - Light breeze - Fine breeze & beautiful weather.
N W	Pleasant breeze - squally - fresh breeze.
N W	Fresh - strong - double reef Topsails. Fresh Gale
N W	Fresh Gale - close reefs. Heavy Gale with furious squalls.
N N W	Fresh Gale - more moderate. Whole sail breeze.
East	Moderate - squally - Light.
E N E	Light - Moderate & baffling - Fine breeze.
N N W	Fresh breeze - Heavy squalls. Fresh Gale & high sea
S W	Hard Gale - Moderate - Hard Gale from S E to S W.
S S W	Fresh breeze - Fine breeze. Fine breeze.
S E	Fine breeze - squally & baffling. Moderate.
S W	squally & baffling. squally. Moderate.
E S E	Moderate - Brisk - strong.
E by S	Fine breeze & pleasant throughout.
E by S	Moderate - Fresh breeze & squally. Moderate & steady
E by W	Moderate - strong breeze - fresh squalls.
S E	Fresh squalls of wind & rain. squally - moderate.
East	Light baffling airs. moderate
Calm	Light breeze with heavy passing clouds. Strong - nearly calm.
E S E	Calm with heavy rain. Light airs & clear.
S S E	Light airs - Moderate breeze - Ends fine breeze.
S E	Moderate trades & pleasant.
S E by E	Moderate - Fine - Brisk.
E S E	Fine pleasant trades throughout.
E S E	Light rain squall - Moderate trades.
E by W	Moderate Trades & fine weather.
E by S	Moderate - Fine - strong.
E by W	Baffling. Strong - Brisk Gale.
E by W	Strong breeze - squally. 4 P.M. Made the Island of Trinidad.

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Abstract Log of Ship 'Hongwa' Chas. P. Low

Date	Lat ^{South}	Long ^{West}	Course	Dist	^{Whole} Dist	Bar	Air	Water	^{Days} Out	Winds	
Dec 4 th	25° 16'	29° 8'	S 18° E	151	5429	29° 80	83°	82°	31	E by S.	E by N
" 5 th	27° 07'	27° 11'	S 3° E	112	5541	29° 90	81°	80°	32	calm	S E
" 6 th	29° 12'	26° 24'	S 20° E	134	5675	30°	81°	80°	33	E S E.	E N E
" 7 th	30° 48'	23° 26'	S 58° E	182	5857	30°	80°	78°	34	E N E.	E N E
" 8 th	32° 18'	19° 05'	S 68° E	241	6098	29° 80	72°	78°	35	N E.	N E by N
" 9 th	33° 48'	14° 15'	S 71° E	276	6374	29° 80	73°	78°	36	N N E.	N N N
" 10 th	35° 05'	9° 48'	S 68° E	240	6614	29° 70	74°	76°	37	N N N.	N N by N
" 11 th	35° 44'	7° 46'	S 68° E	105	6719	29° 80	70°	74°	38	N N	N N
" 12 th	36° 33'	4° 55'	S 70° E	146	6865	29° 70	75°	74°	39	N N	N N
" 13 th	37° 27'	1° 25'	S 72° E	176	7041	29° 70	76°	71°	40	N N	N N
" 14 th	38° 37'	2° 44' ^{East}	S 70° E	209	7250	29° 70	72°	70°	41	N N N.	N N N
" 15 th	38° 54'	6° 09'	S 84° E	163	7413	29° 60	66°	71°	42	S W	N N N
" 16 th	39° 56'	10° 50'	S 75° E	227	7640	29° 40	66°	70°	43	N N N.	N S W
" 17 th	40° 20'	16° 02'	S 88° E	240	7880	29° 10	62°	68°	44	N N	N N N
" 18 th	40° 44'	21° 02'	S 85° E	235	8115	28° 90	58°	62°	45	N N	N S W
" 19 th	40° 53'	26° 02'	S 88° E	237	8353	29° 10	56°	60°	46	N N N	N N
" 20 th	41° 26'	29° 46'	S 78° E	175	8527	28° 40	58°	60°	47	N N	N E
" 21 st	41° 42'	34° 13'	S 85° E	191	8718	29° 20	60°	60°	48	N N	N N N
" 22 nd	41° 52'	38° 46'	S 83° E	200	8918	29° 50	60°	61°	49	N S W	N N N
" 23 rd	42° 37'	44° 11'	S 79° E	236	9154	29° 60	64°	59°	50	N N N	N N N
" 24 th	43° 39'	47° 57'	S 69° E	172	9326	29° 50	62°	58°	51	N E	East
" 25 th	43° 37'	57° 20'	N 87° E	133	9459	29°	63°	58°	52	East	N N N
" 26 th	43° 22'	58° 19'	N 84° E	172	9631	29° 50	63°	58°	53	N N N	N N E
" 27 th	43° 46'	61° 00'	S 84° E	250	9881	29° 70	66°	59°	54	N E	N E by E
" 28 th	43° 57'	66° 43'	S 87° E	235	10116	29° 70	68°	58°	55	N E	N N E
" 29 th	44° 18'	72° 05'	S 87° E	234	10350	30° 00	66°	54°	56	N E	N E by N
" 30 th	44° 21'	77° 07'	S 89° E	230	10580	30° 20	66°	55°	57	N E.	N E by N
" 31 st	43° 59'	81° 40'	N 83° E	181	10761	30° 20	68°	56°	58	N N E.	N E by E
1848 Jany 1 st	42° 57'	85° 11'	N 65° E	171	10932	30° 20	69°	58°	59	N N E	N N E
" 2 nd	41° 26'	89° 44'	N 68° E	217	11149	29° 90	70°	59°	60	N N E	N N E

Abstract Log of Ship "Fouqua." Capt. P. Low.

Date	Lat ^{South}	Long ^{East}	Course	Dist.	Whole Dist.	Bar	Air	Water	Days out	Winds	
Jan'y 3 ^d	39° 49'	94° 23'	N 49° E	234	11383	29° 70	62°	58°	61	North	North
" 4 th	37° 18'	97° 08'	N 41° E	201	11584	29° 90	62°	57°	62	N.N.W.	North
" 5 th	35° 42'	98° 55'	N 42° E	127	11711	29° 90	59°	64°	63	N.N.W.	N.N.W.
" 6 th	35° 4'	97° 30'	N 50° E	52	11763	30° 00	60°	60°	64	N.N.W.	N.N.W.
" 7 th	32° 15'	100° 08'	N 30° E	54	11817	30° 00	62°	63°	65	N.N.W.	S.E.
" 8 th	32° 13'	101° 00'	N 20° E	128	11945	29° 90	58°	65°	66	S.E.	S.S.E.
" 9 th	28° 59'	102° 14'	N 18° E	110	12155	29° 80	53°	64°	67	S.E.	East
" 10 th	26° 57'	103° 44'	N 31° E	145	12300	29° 70	64°	64°	68	S.W.	S.E.
" 11 th	23° 54'	106° 26'	N 38° E	236	12536	29° 80	69°	70°	69	S.E.	S.E.
" 12 th	20° 46'	109° 29'	N 41° E	252	12788	29° 80	76°	78°	70	S.E.	S.E.
" 13 th	18° 04'	112° 3'	N 42° E	220	13008	29° 80	78°	80°	71	S.E.	S.S.E.
" 14 th	16° 03'	114° 20'	N 47° E	178	13186	29° 80	79°	81°	72	S.W.	S.W.
" 15 th	15° 50'	114° 40'	N 40° E	60	13246	27° 50	80°	83°	73	S.W.	S.S.E.
" 16 th	15° 20'	114° 35'	S 10° W	20	13266	28° 00	80°	83°	74	N.E.	North
" 17 th	15° 3'	114° 31'	N 5° W	31	13297	29° 80	82°	83°	75	N.W.	N.W.
" 18 th	15° 16'	115° 2'	S 56° E	31	13328	29° 90	82°	85°	76	N.W.	N.W.
" 19 th	14° 32'	115° 26'	S 56° E	50	13378	30° 20	83°	85°	77	N.N.W.	N.N.W.
" 20 th	13° 10'	116° 9'	N 28° E	93	13471	30° 40	83°	84°	78	N.S.W.	N.S.W.
" 21 st	11° 28'	116° 57'	N 28° E	95	13566	30° 40	83°	84°	79	N.S.W.	N.S.W.
" 22 nd	11° 19'	117° 51'	N 30° E	61	13627	30° 50	84°	84°	80	N.N.W.	N.N.W.
" 23 rd	10° 59'	118° 19'	N 35° E	35	13662	30° 40	85°	84°	81	N.E.W.	N.E.W.
" 24 th	10° 48'	119° 39'	N 52° E	81	13743	30° 20	84°	83°	82	N.S.W.	S.W.
" 25 th	10° 14'	120° 51'	N 66° E	105	13848	30° 40	82°	84°	83	N.S.W.	West
" 26 th	9° 42'	122° 6'	N 67° E	81	13929	30° 40	82°	84°	84	N.N.W.	N.W.
" 27 th	9° 9'	123° 28'	N 67° E	81	14010	30° 00	84°	85°	85	N.N.W.	N.N.W.
" 28 th	8° 59'	124° 00'	N 67° E	15	14025	30° 00	85°	85°	86	N.W.	N.W.
" 29 th	East end of Smiley list 2 miles					30° 00	86°	86°	87	N.W.	N.W.
" 30 th	7° 48'	125° 30'	N 50° E	40	14065	29° 70	85°	85°	88	N.N.W.	N.N.W.
" 31 st	6° 00'	126° 10'	N 15° E	111	14176	29° 70	85°	85°	89	N.N.W.	N.N.W.
Feby 1 st	5° 13'	127° 15'	N 60° E	83	14258	29° 80	86°	86°	90	N.N.W.	N.N.W.

Commander from New York towards Shanghai, 1848.

Winds	Remarks
N by W	Strong breeze. Fresh breeze & clouds. Fresh breeze.
N by W	Fresh breeze. Moderate. Light breeze & pleasant.
N by W	Light - Light. Nearly calm.
N by W	Light air & calm throughout.
SE	Light air & calm.
SE	Light air moderate fine breeze.
SE	Fine breeze with cloudy weather.
SE	Moderate breeze with heavy cross sea. Light breeze.
SE	Moderate. Fine breeze & pleasant.
SE	Fine breeze. Strong breeze. Moderate.
SE	Pleasant trade & fine weather.
SE	Light breeze with pleasant weather. Moderate strong breeze.
SE	Moderate. fresh. 3 am commences a hurricane.
N W	Hurricane. For Particulars see end of this log.
N W.	Violent storm. Sent fire & 2nd hand on deck. Strong tide.
N W	Pleasant. Sent fire land sight & set the foresail. Light breeze.
N by W.	Light breeze. Pleasant. Breeze moderate.
N W	Light breeze. got spare main & topmast up for a very nice mast.
N N W	Light breeze & pleasant. Supplied us with cable & working line.
N N W	Came up with Brig Lady Margaret from Manila. Capt. Little killed.
N W	Pleasant breeze & fine weather.
S W.	Light breeze & pleasant. Ends fine breeze.
West	Fine breeze throughout. East end of San Salvador killed N by W.
N W	Fine breeze with thick weather. Thunder & lightning & rain.
N N W	Light air from N W. heavy squalls. at noon went of steam. South.
N W	Heavy squalls from N W. Night pleasant. Breeze steady.
N W	Heavy squalls from N W. Thick with heavy rain.
N N W	Light air. Sailing in the evening passage in company with the ship.
N N W	Light air. Heavy squalls. " " in company. Capt. Drew offered assistance.
N N W	Heavy squalls & dark rainy weather.

Abstract Log of Ship "Houqua" Chas P Low

Date	Lat	Long	Course	Dist	^{whale} Dist	Bar	Air	Water	Days out	Winds
Feb 2 ^d	4° 13' ^{South}	128° 05'	N 33° E	82	14340	29° 70	85°	86°	91	N N W . N N W
" 3 ^d	4° 10'	127° 19'	N 58° W	46	14386	29° 80	86°	84°	92	N N W . S W
" 4 ^d	3° 40'	127° 16'	N 1/2 W	30	14416	29° 80	86°	84°	93	North . N N W
" 5 ^d	2° 38'	127° 36'	N 5° E	20	14436	29° 80	85°	84°	94	North . N N W
" 6 ^d	2° 33'	127° 18'	S 22° W	30	14466	29° 80	84°	84°	95	North . N N
" 7 ^d	3° 04'	127° 16'	N 22° W	15	14481	29° 80	86°	86°	96	N N W . North
" 8 ^d									97	
" 9 ^d									98	
" 10 ^d									99	
" 11 ^d									100	
" 12 ^d									101	
" 13 ^d									102	
" 14 ^d									103	
" 15 ^d	3° 32'	127° 56'	N 22° E	40	14551	29° 80	86°	86°	104	N N . N N W
" 16 ^d	1° 29'	129° 38'	N 44° E	94	14645	29° 90	84°	84°	105	N N W . N N W
" 17 ^d	0° 50'	130° 20'	N 53° E	92	14737	29° 90	86°	86°	106	N N . N N W
" 18 ^d	0° 17'	131° 19'	N 66° E	62	14799	30° 00	86°	85°	107	N N . N N W
" 19 ^d	0° 11'	131° 41'	N 36° E	26	14825	30° 00	86°	85°	108	N N . N N
" 20 ^d	0° 12' ^{North}	132° 40'	N 66° E	64	14889	30° 00	86°	84°	109	N N W . South
" 21 ^d	1° 18'	133° 28'	N 22° E	80	14969	30° 00	86°	85°	110	N N W . N N W
" 22 ^d	2° 6'	133° 38'	N 22° E	52	15021	30° 00	86°	84°	111	North . N N
" 23 ^d	2° 24'	134° 38'	N 66° E	48	15069	30° 00	86°	85°	112	N N . N N
" 24 ^d	2° 41'	134° 22'	N 44° W	24	15093	30° 00	84°	84°	113	North . N E
" 25 ^d	3° 41'	133° 38'	N 22° W	44	15167	30° 00	83°	83°	114	N E . N E
" 26 ^d	4° 01'	133° 35'	N 11° W	20	15187	30° 00	84°	84°	115	N E . N E
" 27 ^d	4° 34'	133° 47'	N 11° E	34	15221	30° 00	84°	83°	116	North . S N E
" 28 ^d	5° 34'	134° 9'	N 18° E	55	15276	30° 10	85°	84°	117	S N E . S N E
" 29 ^d	7° 15'	133° 39'	N 15° W	105	15381	30° 20	84°	83°	118	N E by E . N E
Mch 1 ^d	9° 40'	133° 20'	N 29° W	163	15544	30° 20	83°	82°	119	N E . E N E
" 2 ^d	11° 54'	130° 43'	N 35° W	165	15709	30° 30	82°	82°	120	N E . N E

Uncharted

Gravel Bay

Island of

Buru.

Commander from New York towards Shanghai 1848

Winds

Remarks

- N N N Fine breeze & pleasant. Daylight but out of Antigua being dark.
- S W. Fine breeze & squally. Baffling calm.
- N N N. Calm. Light breeze. Moderate, in company with the ship Lady Amherst.
- N N N. Fresh breeze. Light baffling air. Moderate & squally.
- N N N. At 1 PM kept off for Cape Henry. Wind at 2 PM. in water 2. Calm.
- N N N. Moderate breeze standing in for the Bay. At 4 PM kept off for the night.
- N N N. Light breeze from north. Strong current against us. Squally from west & north. At 4 PM came to anchor in the bottom of the Bay.
- N N N. Pleasant. On board 1 man on shore getting some provisions. Visited by the Governor & Resident. Arrived on board. At 8 PM got getting a breeze from the fine weather. Tiding water.
- N N N. Calm. Tiding water and getting good.
- N N N. Fresh breeze. At 1 PM employed getting ready for sea.
- N N N. At 1 PM got underway. Moderate breeze from the north. Moderate.
- N N N. Fine breeze. There about. At Daylight 1 PM. Light. Lower 10 PM.
- N N N. Moderate breeze passed south of the Bay. Light. At 1 PM. Light.
- N N N. Light air. Sailing along the bottom of the Bay. Great number of natives with.
- N N N. Calm. Light air from east. Squally. Strong swell from the north.
- N N N. Light breeze with current setting to the eastward. Light air.
- N N N. Light air from N N N. Moderate & squally of rain & wind.
- N N N. Light air & calm throughout.
- N N N. Light air & calm throughout.
- N N N. Light air. Light breeze from north. Moderate from N N N.
- N N N. Fine breeze. Calm & clear. Light air.
- N N N. Baffling air from N N N. At 1 PM. Light. At 4 PM. Moderate.
- N N N. Calm weather. Tried the current found it setting N N N. At 1 PM. Moderate.
- N N N. Moderate from N N N. nearly calm. Moderate & squally.
- N N N. Moderate fine breeze. Light & squally. Fine breeze.
- N N N. Light trades. Fine trades. made 100 miles.
- N N N. Moderate trades & fine weather.

The English ship "Lady Amherst" Capt. Myhill had all sails set and still on hold way with her back to back, and the next morning we were to sail to windward of her. She soon down with a fair wind and a fair sea.

Abstract Log of Ship "Houqua" Chas P Low

Date	Lat	Long	Course	Dist	^{whole} Dist	Bar	Air	Water	Days Out	Winds
Mch 3 ^d	13° 36' ^{North}	129° 34' ^{East}	N 33° E	122	15831	29° 90	83°	84°	120	N E N E
" 4 ^d	15° 50'	128° 34'	N N E	82	15913	29° 90	83°	84°	121	N E East
" 5 ^d	18° 44'	128° 35'	N 22° E	60	15972	29° 90	84°	84°	122	N N E S E
" 6 ^d	16° 20'	128° 24'	N 11° E	34	16007	29° 90	85°	84°	123	E N E E N E
" 7 ^d	16° 41'	127° 42'	N 64° E	46	16053	30° 00	86°	85°	124	E N E E N E
" 8 ^d	16° 42'	127° 31'	West	11	16064	30° 00	84°	85°	125	E N E E N E
" 9 ^d	17° 27'	126° 45'	N 44° E	62	16126	30° 00	84°	85°	126	N E N E
" 10 ^d	19° 21'	124° 27'	N 44° E	174	16300	30° 10	80°	83°	127	N E East
" 11 ^d	20° 08'	122° 04'	N 22° E	141	16440	30° 10	78°	80°	128	E N E E N E
" 12 ^d	21° 18'	119° 44'	N 60° E	140	16580	30° 20	76°	77°	129	East N E
" 13 ^d	21° 53'	117° 00'	N 80° E	158	16738	30° 20	74°	76°	130	E N E North
" 14 ^d	22° 8'	114° 16'	N 84° E	180	16918	30° 20	70°	71°	131	N E E N E

supplying me with a spar to make a jury mainmast also
 Hope Bunker & Co for which he charged me at about \$400 but
 more than I could have procured them at Hong Kong.

Commander from New York towards Shanghai 1848

Winds

Remarks

E N E	Light breeze. Moderate - Light air.
East	Light breeze with fine clear weather to sunset.
E N E	Light air. Light air & pleasant.
E N E	Light air. Calm.
E N E	Calm with high irregular sea. Light air.
E N E	Calm with high turbulent sea & very warm.
N E	Calm weather. Light breeze. Fine breeze from N E.
East	Strong breeze with high sea. Strong breeze.
E N E	Strong breeze. 5 m. from the "Barbours", ^{at 10 m. from the "Barbours"} then filled away.
North	Strong breeze from N by E. Water to breeze with cloudy weather.
North	Moderate & steady. Moderate breeze.
East.	Fresh breeze. Moderate. Made the land sight at 10 m. came to anchor in Hong Kong to refit.

Passage from New York 1st 1848. 60 Days under
 3 masts.

For Particulars of the Voyage see next page.

This ends my 1st voyage as master.

" " " 2^d voyage to China.

" " " 3^d voyage

Abstract Log of Ship "Houqua" Chas. P. Low

Saturday, January 15th 1848 Lat 15°00' South Long 114°40' East.

This day commences with moderate breeze from the South West. The ship under full sail. Mainsails fore & aft on both sides and going nine knots an hour. Throughout the first part of the day at 10 Pm Barometer standing at 29°80. At 2 A in full pleasant, but breeze freshening and barometer fallen 8th mer 29°00. Hauled in all the Port Mainsails. Hauled & reefer. Hauled the fore Mainsails & Sankers. 2.30 Am Barometer falling rapidly and clouds rolling up in the Pm. called all hands. Hauled in all Mainsails. Hauled the Royals & Top Gallant sails. The wind increasing as fast as we could clew up haul down and put. Close reefed the Topsails and furled the mainsail. At 5 A m. Bar 28°90. Blowing heavy, clew up the fore and main Topsails, unreefed them and reefed the foresail & set it.

At 5 A m we were scudding under a close reefed main Topsail and reefed foresail. and blowing a furious gale. Sky covered with dense masses of black, smoky, clouds. with rain in descending, and all the main heads and sand arms and compasses resting upon them, as low down as the lower yards.

The Mainsails Booms were rigged in and made fast to the quarter of the yards. The ship at 5 A m was scudding at a fearful rate, and rolling she rolled the starboard Mainsails under and snatched them under her. She then rolled to port and carried the port boom away. The next roll she made, took the starboard quarter boat over the board. At 6 A m the wind suddenly shifted to South from S W. blowing a hurricane and breasting the ship's bow, and heaving her down with her port leading tracks in the water. Hauled the foresail up, and braced the Main Yard up with the fore braces. The foresail and main Topsails blew to shivers, and one by one every sail was blown from the gaskets and sews. The fore flying jibs set up to the Cat heads and the strain on their stays was so great as to snap the Cat

Conocarpus from New York towards Shanghai 1848

Abstract Log of Ship 'Houqua' Cha. B. Low

being driven through them into the force of wind from a distance it struck the outside of the ship and formed an arch over us so we could see fore and aft but could not see above the tops. The air was so full of salt water that we could hardly breathe. The ship stood against it for about 10 minutes when she was over on her beam ends. In endeavoring to gain the weather rail I caught with my right hand but the rail being wet & slippery and the ship going over so quickly my feet slipped from under me and I fell into the sea to leeward without touching the lee rail. I rose to see the mizen rigging just before me, but a sea rolled over me and I sunk again the 2^d time. As my eyes were open I saw a rope before them, and hauled myself up and my head struck the pin rail near the mainmast. I immediately got on the weather side of it, and motioned to the sail and men who were in the main rigging to cut it away, and as they cut the Landards the Mainmast went taking out about 4 ft. above the deck, and with the assistance of a man from the main I got to midward and cut the Landards of the Mizzen staying the mast going about a foot above the deck, and the ship righted with her lee rail above the water. Before the masts were cut away, the rims of the tops were in the water, and the decks perpendicular and drained as much water on her side as when on her keel, if we had been two minutes later in cutting away the masts the ship would inevitably have foundered. The Carpenter knee with all his tools & clothes, the Galley with barrels and all the cooking utensils in the ship were washed over board without leaving a trace upon the rail. The fore scuttle was washed off and the sea poured down in a solid stream carrying the Bulk head between decks into the lower hold with all the sailors bunks, chests & bedding.

Abstract Log of Ship "Houqua" Cha. P. Lou-

Date	Lat	Long	Course	Dist	Time	Bar	W. Wind	W. Sea	W. Sky	W. Cloud
June 24 th	22° 27' ^{North}	116° 54' E	N 85° E	98	98	29.60	85°	80°	1	S. W. S. W.
" 25 th	23° 02'	117° 52' E	N 67° E	90	188	29.70	83°	80°	2	W. ind. N. E.
" 26 th	23° 42'	118° 10' E	N 41° E	84	242	30.00	80°	77°	3	N. E. N. S.
" 27 th	24° 32'	119° 40' E	N 37° E	82	294	30.00	82°	77°	4	N. E. N. E.
" 28 th	25° 07'	120° 00' E	N 28° E	81	350	30.00	80°	77°	5	N. E. N. S.
" 29 th	25° 55'	120° 40' E	N 87° E	130	454	29.50	87°	77°	6	S. W. S. W.
" 30 th	27° 33'	123° 16' E	N 44° E	124	578	29.70	86°	78°	7	S. W. S. W.
July 1 st	27° 10'	122° 40' E	N 14° E	112	690	29.70	86°	77°	8	S. W. S. W.
" 2 nd	30° 4'	121° 41' E	N 34° E	60	750	29.70	86°	77°	9	S. W. S. W.
" 3 rd	30° 52'	122° 30' E	N 40° E	64	814	29.60	87°	78°	10	S. W. S. W.
" 4 th	Entered the River			100	914	29.60	88°	84°	11	S. W. S. W.

2nd Voyage as Master9th " to Sea

Abstract Log of Ship 'Houqua' Chas. P. Low

Date	Lat	Long	Course	Dist	Whole Dist	Bar	Air	Water	Days Out	Winds
Ingot 10 1/2 tons only at sea account got underweigh and dropped down the										
" 21 st	31° 30'	123° 34'	S 57° E	52	52	29° 50'	58°	50°	1	S. South
" 22 nd	30° 30'	123° 6'	S 55° E	40	92	29° 50'	57°	52°	2	South South
" 23 rd	30° 34'	123° 30'	S 57° E	30	122	29° 40'	58°	53°	3	S. N. S. N.
" 24 th	30° 30'	123° 30'	S 57° E	24	146	29° 40'	58°	53°	4	S. N. S. N.
" 25 th	30° 10'	123° 45'	S 30° E	12	158	29° 50'	56°	55°	5	S. S. N. S. N.
" 26 th	30° 13'	123° 30'	S 2° N	20	178	29° 50'	56°	55°	6	S. S. N. S. N.
" 27 th	30° 00'	123° 40'	S 60° E	24	202	29° 50'	57°	54°	7	S. N. S. N.
" 28 th	30° 00'	122° 50'	Dist	13	215	29° 50'	57°	54°	8	S. N. South
" 29 th	29° 50'	122° 36'	S 12° N	72	287	29° 70'	58°	55°	9	South E. S. E.
" 30 th	26° 00'	120° 58'	S 29° N	198	485	29° 70'	54°	56°	10	N. E. N. E.
" 31 st	28° 30'	118° 50'	S 49° N	226	711	29° 50'	56°	57°	11	N. E. N. E.
Aug 1 st	22° 36'	116° 30'	S 57° N	100	811	29° 70'	58°	56°	12	E. S. E. S. E.
" 2 nd	22° 12'	114° 50'	S 77° N	104	915	29° 70'	57°	56°	13	South South
" 3 rd	At 3 Pm took a Pilot at 6 Pm passed the Lema Island and									

3rd voyage master
10th " to sea

Commander from Shanghai towards Hong Kong 1848

Winds

Remarks

River at 8 Pm came to anchor outside of mooring. Fresh breeze from S.W.
 South from get underway light breeze from S.W. at 10 am came to anchor ^{at 10 am}
 South Light breeze. Through the night light breeze. Light breeze from S.W.
 S.W. Strong trade wind from S.W. with heavy sea. Light breeze from S.W.
 S.W. Fresh breeze with high sea throughout.
 S.W. Fresh breeze with high sea throughout.
 S.W. Fresh breeze throughout.
 S.W. Fresh breeze throughout.
 South numerous rain showers. Moderate breeze. Light breeze at 10 am S.W.
 N.E. Light breeze. Light breeze. Light breeze. S.W. breeze at 10 am light.
 S.W. Moderate breeze & squalls. Moderate breeze. Light breeze from S.W.
 East Fresh main wind from S.W. Moderate breeze. Moderate breeze wind.
 South Moderate breeze. Light breeze & squalls. Light breeze.
 South Light breeze. Light breeze 11 am passed Plover Point. Light breeze
 at 10 Pm anchored inside of Green Island.

August 16th Not underweigh and proceeded to Whampoa.

August 31st All ready for sea bound to Shanghai when a typhoon
 set in. Sent down top Gallant & Royal & Physick yards
 & top Gallant Mast. rode it out with two lower anchors
 and 90 fathoms of cable on each. As we lay we said to
 be lost near the side of Canton river. The British
 Robertson. China ship was sunk at Canton river and
 some 20 or 30 vessels were sunk or driven ashore at
 Canton river.

Abstract Log of Ship *Houqua* Chas. P. Low

Date	Lat	Long	Course	Dist	Whole Dist	Bar	Air	Water	Days out	Winds	
Sept 3 rd	11° 30' 35"	120° 48' 11"	110° 00'	125	470	29° 55'	86°	84°	8	S. by E. to Sea	
" 4 th	22° 30'	119° 35'	110° 00'	180	180	29° 55'	88°	84°	1	Light S. by E.	
" 6 th	24° 50'	119° 00'	110° 00'	150	330	29° 55'	88°	84°	2	Light S. by E.	
" 7 th	24° 45'	118° 45'	110° 00'	15	345	29° 55'	88°	84°	3	Light S. by E.	
" 8 th	S. by E. from anchorage and heavy sea running 1/2 mile in the main										
" 8 th	Anchor in Pinckney Harbor									5	N. E. to S. E.
" 9 th	"									6	S. E. to S. W.
" 10 th	"									7	N. E. to N. W.
" 11 th	28° 55'	120° 48'	110° 00'	125	470	29° 55'	86°	84°	8	S. by E. to Sea	
" 12 th	35° 50'	122° 40'	110° 00'	202	672	29° 55'	84°	83°	9	S. by E. to S. W.	
" 12 th	30° 45'	132° 30'	110° 00'	118	790	29° 55'	85°	84°	10	S. by E. to S. W.	
" 12 th	Off Hovung,									11	S. by E. to S. W.

4th as Master11th to Sea

Abstract Log of Ship 'Houqua' Chas. P. Low

Date	Lat	Long	Course	Dist	^{Whole} Dist	Bar	Air	Water	^{Depth} out	Winds
Nov 10 th	17° 40' N	121° 40' W	made all sail	and	steamed down the river to the half way point					
" 20 th			got underway for morning							not making way enough on
" 21 st			commenced with strong breeze							2 PM got underway and dropped
" 22 nd			same came to anchor in morning							6 AM got underway and
" 23 rd			commenced calm							1 PM working down the river wind SE 6 PM
" 24 th			5 AM wind NW made all sail							11 AM bid farewell to the muddy water
" 25 th	21° 09' ^{North}	121° 55' ^{East}	20° N	240	320	30.30	58	60	1	N W North
" 26 th	24° 04'	118° 39'	240° N	258	578	30.10	75	70	2	N E N E
" 27 th	22° 10'	114° 50'	280° N	241	819	30.00	10	10	3	W S S W
" 28 th	22° 14'	110° 10'	280° N	40	859	30.00	84		4	N W N East

5th Lloyd as Master
12th " to Sea

Commander from Shanghai towards Hong Kong 1878

Winds

Remarks

where we came to anchor over night. Wind N N. E. Clear & cold the 15th. Stuck in the mud and came to anchor at low tide. We sailed down the river 4 P.M. grounded. Midshipman & myself down. proceeded down the river. Wind light from N. W. 4 P.M. came to anchor. came to anchor throughout the night. Calm, of the 16th. but that we with no feelings of regret, returned to the river.

N E Clear weather with strong breeze from N. W. Fine breeze ends the 16th.

N E All this day fine clear weather with strong breeze.

17th. Clear weather with strong breeze from N. W. 4 P.M. came to anchor. 18th. Clear weather with strong breeze from N. W. 4 P.M. came to anchor.

On Wednesday 19th we sailed for Hong Kong with a light breeze from N. W. & clear weather. On the 20th passengers.

Abstract Log of Ship "Houqua" Chas. P. Low

Date	Lat ^{North}	Long ^{East}	Course	Dist ^{Whole}	Dist	Bar	Air	Water	Page out	Winds
Nov. 30 th	19° 12'	111° 45'	S 35° W	210.	210	30° 30'	70°	76°	1	N. W. NE
Dec. 1 st	18° 34'	109° 47'	S 25° W	230.	210	30° 20'	76°	75°	2	NE NE
" 2 nd	17° 25'	109° 26'	S 5° W	232.	722	30° 00'	80°	78°	3	North North
" 3 rd	7° 2'	109° 04'	S 5° W	270.	998	30° 00'	80°	78°	4	North North
" 4 th	3° 32'	108° 30'	S 16° W	212.	1210	29° 40'	80°	82°	5	N by E N by E
" 5 th	0° 47'	107° 36'	S 16° W	178.	1588	29° 40'	82°	83°	6	North NW
" 6 th	1° 34'	107° 13'	S 5° W	174.	1662	29° 40'	83°	83°	7	North NE
" 7 th	4° 36'	106° 14'	S 22° W	180.	1742	29° 40'	83°	83°	8	North North
" 8 th	6° 14'	105° 33'	S 67° W	116.	1888	29° 40'	84°	88°	9	North NW
" 9 th	7° 11'	103° 04'	S 67° W	160.	2018	29° 40'	85°	85°	10	West West
" 10 th	8° 11'	100° 44'	S 64° W	140.	2108	29° 40'	84°	85°	11	South SE
" 11 th	9° 34'	98° 08'	S 45° W	181.	2334	30° 40'	85°	86°	12	SE SE
" 12 th	11° 41'	95° 52'	S 62° W	192.	2551	29° 40'	86°	84°	13	SE SE
" 13 th	13° 25'	93° 07'	S 64° W	188.	2719	29° 40'	82°	82°	14	SE SE
" 14 th	15° 4'	89° 36'	S 73° W	225.	2944	30° 50'	81°	81°	15	SE SE
" 15 th	16° 13'	86° 19'	S 73° W	210.	3154	30° 00'	79°	80°	16	SE SE
" 16 th	17° 9'	82° 58'	S 70° W	200.	3354	30° 10'	78°	78°	17	SE SE
" 17 th	18° 30'	79° 34'	S 73° W	208.	3562	30° 10'	78°	76°	18	SE ESE
" 18 th	19° 12'	76° 50'	S 53° W	165.	3727	30° 10'	79°	78°	19	ESE ESE
" 19 th	19° 35'	74° 54'	S 78° W	108.	3832	30° 10'	79°	75°	20	calm NE
" 20 th	20° 22'	71° 09'	S 70° W	226.	4058	30° 10'	78°	77°	21	South South
" 21 st	21° 45'	67° 09'	S 63° W	242.	4300	30° 10'	78°	76°	22	SE SE
" 22 nd	23° 19'	63° 45'	S 65° W	210.	4510	30° 00'	81°	79°	23	SE SE
" 23 rd	24° 6'	61° 15'	S 65° W	145.	4655	30° 10'	78°	77°	24	East NE
" 24 th	24° 56'	58° 07'	S 65° W	180.	4835	30° 10'	79°	78°	25	NE NE
" 25 th	25° 19'	56° 35'	S 75° W	90.	4925	30° 10'	81°	78°	26	NNW North
" 26 th	25° 50'	53° 24'	S 83° W	185.	5110	30° 10'	80°	78°	27	N by N N by N
" 27 th	26° 32'	51° 26'	S 65° W	110.	5220	30° 10'	78°	76°	28	NNW South
" 28 th	27° 49'	47° 45'	S 75° W	220.	5440	30° 10'	77°	76°	29	ESE ENE
" 29 th	29° 16'	44° 32'	S 62° W	190.	5630	30° 10'	77°	75°	30	NE NE

Commander from Hong Kong towards New York 1841.

Winds

Remarks

NE	Commences moderate breeze. 5 PM. Sadron's Glauco ^{like very deep blue, tinted w/} 11 PM from white &
E	Leads breeze from N.E. Fine breeze with very weather. Into pleasant.
North	Strong breeze in all directions. Only strong breeze.
North	Fresh Gales. Hauled up 11 PM to pass Fair Light 1 PM kept off. Into moderate
N by E	Strong breeze & cloudy. Strong breeze. at noon I sent 4 Great Boats 11 PM
N by E	Moderate breeze. pleasant. can back of the Fair Light. Into light.
North	Pleasant breeze. 11 PM. I wrote bearing 4 by 11. 2 miles dist. Into pleasant.
North	6 PM. Gales fell from N.E. at 11 PM. passed between Swaney Rock & Fair Light.
West	Light breeze. 11 PM. passed the Fair Light ^{made great sailing tonight. 11 PM. into} 11 PM. off the Fair Light at daylight.
West	Light airs at west. Fine breeze from S.W. The front of the Fair Light 11 PM
SSE	Light breeze & pleasant weather throughout.
SSE	Light breeze. moderate & pleasant.
SE	Fine breeze. Hauled on a point to the southward. Into pleasant.
SE	Light breeze. Squally. Strong breeze.
SE	All this day moderate breeze & pleasant.
SSE	Moderate breeze & pleasant weather.
SE	Moderate breeze & pleasant weather.
ESE	Fine breeze. Steady breeze & fine weather.
ESE	Moderate. Light. Into nearly calm.
South	Commence calm. 11 PM. from N.E. 11 PM. moderate breeze from South.
South	Moderate breeze. Fine breeze. But fresh breeze passed a barque.
SE	All this day fresh breeze & pleasant.
East	Commences pleasant weather. Moderate breeze. Light breeze from East.
North	Light breeze. Light from "N". Light breeze from North.
North	Light breeze. 11 PM. spoke Barque only from Hong Kong to Liverpool 30 days out.
N by W	Light. Nearly calm with lightning from all quarters. Into moderate.
N by W	Moderate. fresh. Strong breeze & thick weather. Into dirty looking weather.
S to East	Fresh gales & thick weather heavy rains. 11 PM. from South.
ESE	Pleasant weather & moderate breeze. Into strong breeze & cloudy.
NW	Strong breeze down to night. Strong breeze. Fresh Gales.

Abstract Log of Ship 'Houqua' Capt. P. Low.

Date	Lat	Long	Course	Dist	^{Whole} Dist	Bar	Air	Water	^{Days} out	Winds
Dec 30 th	28° 58'	41° 48'	N 4° N	188	5788	30° 10	71°	75°	31	N N N S W
" 31 st	29° 36'	38° 16'	S 4° N	188	5973	30° 10	76°	75°	32	S E East
Jan 1 st	30° 40'	34° 47'	S 7° N	197	6170	30° 10	76°	74°	33	East E N E
" 2 nd	32° 21'	30° 16'	S 62° N	215	6388	30° 00	75°	73°	34	E N E S N E
" 3 rd	32° 45'	29° 14'	S 10° N	100	6488	30° 00	72°	73°	35	S N N S N
" 4 th	35° 11'	35° 33'	S 60° N	201	6689	30° 10	72°	69°	36	N N N S E
" 5 th	35° 36'	24° 00'	S 59° N	98	6787	30° 00	72°	69°	37	N N S N
" 6 th	36° 7'	33° 20'	S 44° N	40	6827	30° 10	71°	68°	38	N N N N N W
" 7 th	35° 40'	21° 24'	N 84° N	40	6917	30° 00	70°	67°	39	West N S W
" 8 th	35° 42'	20° 25'	West	42	6959	30° 10	70°	57°	40	N S W N S W
" 9 th	34° 56'	19° 13'	N 22° N	80	7039	29° 40	68°	66°	41	West West
" 10 th	32° 34'	15° 47'	N 49° N	212	7251	30° 00	69°	67°	42	S W S W
" 11 th	30° 23'	11° 47'	N 57° N	247	7498	30° 25	72°	69°	43	S S W S S W
" 12 th	28° 16'	8° 49'	N 55° N	208	7706	30° 20	72°	70°	44	South West
" 13 th	26° 48'	7° 25'	N 40° N	120	7826	30° 20	75°	72°	45	West N S W
" 14 th	25° 9'	4° 55'	N 50° N	165	7991	30° 15	75°	72°	46	N N N N W
" 15 th	23° 25'	1° 39'	N 65° N	210	8205	30° 15	78°	74°	47	South S E
" 16 th	21° 48'	2° 01'	N 61° N	223	8428	30° 15	78°	75°	48	S E S E
" 17 th	19° 41'	4° 51'	N 45° N	170	8615	30° 10	79°	75°	50	S E S E
" 18 th	17° 57'	6° 54'	N 46° N	182	8800	30° 10	77°	75°	51	S E by E S E
" 19 th	17° 5'	10° 4'	N 81° N	190	8990	30° 10	78°	76°	52	East S E
" 20 th	16° 3'	9° 13'	N 20° E	75	9065	30° 10	78°	76°	53	East S W
" 21 st	15° 5'	11° 14'	N 60° N	110	9175	30° 10	78°	77°	54	East S E
" 22 nd	14° 13'	12° 40'	N 56° N	90	9265	30° 10	80°	77°	55	South to East
" 23 rd	13° 23'	14° 5'	N 84° N	90	9355	30° 10	80°	78°	56	South to East
" 24 th	11° 57'	16° 14'	N 62° N	151	9506	30° 00	80°	78°	57	E S E E S E
" 25 th	10° 10'	18° 14'	N 48° N	154	9660	30° 00	80°	78°	58	E S E E S E
" 26 th	8° 14'	20° 12'	N 45° N	70	9730	30° 00	83°	80°	59	E S E E by N
" 27 th	3° 59'	22° 54'	N 46° N	209	9939	30° 00	83°	81°	59 ⁺	S E S E
" 28 th	3° 33'	24° 54'	N 40° N	190	10129	30° 00	83°	82°	60	S E S E

Commander from Hong Kong towards New York 1848

Winds

Remarks

1849

SSE	Fresh breeze. Moderate with high head sea. Light breeze
E by N	Light breeze throughout
E by E	Moderate. Fine breeze
West	Moderate. Strong breeze near wind hauled to the west. more ship
SW	Strong breeze equally baffling. Moderate
NNW	Light breeze Fresh breeze. Moderate
NN	Moderate. Equally. Light breeze
WNW	Balm. Strong breeze. heavy tide here too
WSW	Furious Gale. more moderate. Ends Light airs.
WSN	All this day nearly calm with pleasant weather. 3 ships in company
West	Light breeze. at 5 PM breeze equalled sea 10 to 12 miles. Moderate.
SW	Moderate. Strong breeze but baffling. 5 PM. Gale and breeze lost 13 miles
South	Strong breeze. Moderate
West	Fine breeze moderate. Light with pleasant weather
NNW	Balm & light airs. Light & baffling
SW	Moderate breeze signalled ship "Mary" from Madagalla in London.
SE	Moderate & baffling. Pleasant. Fresh breeze
SE	Fine breeze Pleasant. Fresh breeze equally
SE	Fine breeze & clear weather. Moderate & cloudy.
ESE	Moderate. Light & baffling
SE	Light. nearly calm. Light.
East	Light & baffling throughout.
East	Light & baffling all day.
S to East	Light & baffling
S to East	Light & baffling
ESE	Light trades & pleasant weather.
ESE	Light trades & pleasant weather
ESE	Moderate trades. Light equalled. Fine breeze.
SE	Fine breeze throughout
SE	Fine trades moderate

Abstract Log of Ship 'Houqua' Chas. P. Low

Date	Lat	Long	Course	Dist	Whale Dist	Bar	Air	Water	Days out	Winds
Jan'y 29 th	2° 16' ^{South}	24° 08' ^{West}	N 58° W	150	10274	30.00	52°	51°	61	South South
" 30 th	0° 55' ^{North}	39° 20'	N 58° W	170	10449	30.00	58°	52°	62	SSE SSE
" 31 st	1° 18'	50° 55'	N 58° W	140	10589	30.00	51°	50°	63	East NE
Feb'y 1 st	2° 00'	31° 34'	N 22° W	110	10699	30.00	51°	50°	64	South SE
" 2 nd	2° 27'	32° 32'	S 70° W	70	10769	29.90	52°	51°	65	NE to NW
" 3 rd	do do					29.90	50°	51°	66	calm NE
" 4 th	3° 5'	33° 59'	NW	95	10864	29.90	50°	52°	67	NE SE
" 5 th	4° 21'	35° 22'	N 55° W	160	11024	30.00	51°	52°	68	NNE NNE
" 6 th	6° 08'	40° 11'	N 60° W	258	11282	30.10	51°	52°	69	N by N NE
" 7 th	8° 13'	43° 23'	N 55° W	234	11506	30.10	79°	80°	70	NE NE
" 8 th	10° 52'	46° 43'	N 48° W	258	11764	30.20	79°	79°	71	NE NE
" 9 th	15° 17'	50° 03'	N 52° W	249	12013	30.20	79°	79°	72	NE NE
" 10 th	16° 41'	52° 54'	N 50° W	224	12237	30.20	79°	80°	73	NNE East
" 11 th	18° 28'	55° 57'	N 45° W	239	12476	30.20	79°	80°	74	NNE NE
" 12 th	21° 06'	59° 01'	N 47° W	228	12704	30.10	75°	79°	75	NE ENE
" 13 th	23° 03'	65° 58'	N 42° W	170	12874	30.10	77°	78°	76	East SE
" 14 th	24° 48'	62° 48'	N 43° W	148	13032	30.10	73°	77°	77	SEW SW
" 15 th	26° 38'	68° 32'	N 52° W	188	13210	30.00	76°	76°	78	NNE NNE
" 16 th	28° 08'	66° 22'	N 22° W	110	13320	30.00	76°	76°	79	SE South
" 17 th	30° 17'	67° 54'	N 30° W	140	13460	30.00	74°	73°	80	SE NE
" 18 th	32° 06'	68° 40'	N 28° W	122	13582	29.90	76°	70°	81	NW NW
" 19 th	33° 17'	69° 06'	N 5° W	70	13652	29.80	68°	67°	82	WNW West
" 20 th	33° 36'	70° 30'	N 77° W	80	13732	29.80	66°	68°	83	NNE NE
" 21 st	35° 17'	71° 58'	N 32° W	128	13860	29.80	68°	67°	84	NNE East
" 22 nd	35° 31'	72° 53'	N 82° W	50	13910	30.20	65°	73°	85	NNE NW
" 23 rd	36° 11'	73° 22'	N 31° W	40	13950	30.20	58°	73°	86	NNE NE
" 24 th	36° 56'	74° 15'	N 40° W	60	14010	30.20	48°	52°	87	NNE NE
" 25 th	37° 26'	74° 22'	N 11° W	30	14040	30.20	47°	44°	88	NNE NE
" 26 th	37° 10'	74° 34'	N 9° W	19	14059	30.20	40°	44°	89	East NNE
" 27 th	37° 22'	74° 36'	S 70° E	15	14074	30.20	38°	45°	90	NNE NE

Commander from Hong Kong towards New York 1848 & 1849

Winds	Remarks
South	At this day pleasant breeze from South. Passed two vessels off N. President of the United States
S S E	Light breeze. Spoke Eng. Bark Chris from Nampurph. received news that Genl Taylor is
South	Moderate with squalls. Calm with heavy rain. Moderate breeze
S S E	Squally weather. Nearly calm. Spoke Eng. Bark Chris from Nampurph. Calm
N E to N	Moderate breeze. calm. Light airs
N E	Calm. Buffling airs. calm
N N	Buffling from N E to S S W with light squalls of rain.
N N	Light breeze with heavy weather. This fine breeze.
N E by N	Fresh breeze throughout.
N E	Strong breeze throughout.
N E	At this day strong trades & fine weather.
N E	At this day strong trades.
N E	Squally. Fine breeze. Fine trades & pleasant.
N E by N	Fine trades & pleasant.
E N E	Fine breeze & pleasant.
South	Light breeze. Light from S E. Moderate from South
N N E	Moderate with fine weather. pleasant with light breeze. squally.
S E	Fresh breeze & cloudy. Moderate. Light breeze from S E
S W to N W	Moderate breeze. Light. Heavy rain. calm
S W	Moderate & raining. sudden shift to N. squalls from N W. But rain
W S W	Light winds with rain. Fresh breeze. But squally
N N E	Fresh breeze. Heavy Gale from West. Furious Gale from N. W.
N E	Heavy Gale. More moderate. moderate at 10 P.M. calm
S W	Light breeze. moderate. Fine breeze
S W	Light breeze. squally. moderate
S W	Calm. Sea & buffing. Fine fresh breeze
S W	Fresh breeze with heavy squalls. Moderate. Light.
S W	Light breeze. calm. heavy rain.
S W	Moderate. Fine breeze.
S W	Fresh breeze. moderate. Fine breeze.

Abstract Log of Ship "Houqua". Capt. P. Low

Date	Lat ⁿ	Long ^w	Course	Dist	^{Whole} Dist	Bar	Air	Water	^{Days} out	Winds	
Feb 28 th	37° 10'	74° 20'	N 28° E	14	14088	30.32"	40°	44°	91	NNE	NNE
March 1 st	37° 32'	74° 15'	N 14° E	23	14111	30.40	44°	43°	92	NNE	NNE
" 2 nd	37° 55'	74° 39'	N 70° W	51	14162	30.20	35°	42°	93	NNE	NNE
" 3 rd	38° 10'	74° 51'	N 14° W	26	14188	30.03	30°	42°	94	ENE	NNE
" 4 th	37° 06'	74° 08'	N 70° W	49	14237	30.01	36°	42°	95	NNE	NE
" 5 th	38° 33'	75° 07'	N 32° W	70	14307	30.00	40°	42°	96	NNE	N
" 6 th	40° 00'	74° 10'	N 32° W	100	14407	30.00	40°	42°	97	NE	NE

Commander from Hong Kong towards New York 1848
 Winds Remarks 1849

N N E Hard Gale with thick fog. Hard sail set. Sea smooth & calm.
 N E Fresh Gale from N. N. E. & S. E. Wind fresh & rain comes.
 N N E Moderate Gale & heavy fog. Sea smooth in the forenoon. Wind to S. E.
 N N E Light. Moderate. Hard Gale from N. N. E.
 N E All this day hard Gales from N. N. E. to N. E.
 N E More moderate. Moderate all sail set.
 N E Moderate At 3 P.M. took of the Light Ship off Cape May.
 Light Breeze. 1 Hour 10 minutes from New York.

This ends my 5th voyage as Master.

" " 12th " to Sea &

" " 6th " to China

Abstract Log of Ship "Houqua" Cha. P. Low.

Date	Lat ^{north}	Long ^{west}	Course	Dist	wh ^h le Dist	Bar	Air	Water	Days Out	1 st	Visible
April 6 th	39° 55'	70° 49'	S 72° E	150	150	29° 8'	60°	58°	1	West	n n r
" 7 th	38° 26'	64° 47'	S 70° E	300	450	29° 6'	55°	60°	2	N n r	N n r
" 8 th	36° 43'	60° 2'	S 67° E	255	705	29° 5'	55°	64°	3	N n r	N n r
" 9 th	35° 19'	55° 54'	S 67° E	220	925	29° 4'	60°	64°	4	N n	n n
" 10 th	35° 11'	51° 55'	S 66° E	210	1135	29° 3'	65°	64°	5	N n	N n by n
" 11 th	34° 29'	49° 26'	S 72° E	120	1255	29° 2'	70°	64°	6	West	and
" 12 th	33° 00'	45° 00'	S 67° E	235	1490	29° 3'	72°	65°	7	N n r	West
" 13 th	32° 02'	40° 10'	S 70° E	240	1730	29° 5'	72°	67°	8	West	S n
" 14 th	30° 7'	36° 38'	S 57° E	218	1948	29° 5'	72°	68°	9	N S n	N S n
" 15 th	28° 22'	34° 30'	S 46° E	160	2108	29° 8'	72°	68°	10	S S n	N S n
" 16 th	26° 38'	33° 54'	S 11° E	115	2223	29° 9'	70°	70°	11	N n n	N by E
" 17 th	23° 56'	33° 08'	S 13° E	155	2378	29° 9'	72°	71°	12	N by E	N by E
" 18 th	21° 18'	31° 55'	S 23° E	170	2548	29° 8'	74°	72°	13	N E	N E
" 19 th	19° 4'	31° 9'	S 29° E	150	2698	29° 8'	75°	72°	14	S by E	S E
" 20 th	16° 28'	30° 52'	S 4° E	161	2859	29° 8'	77°	74°	15	S by n	E S E
" 21 st	13° 29'	30° 50'	South	179	3038	29° 8'	78°	74°	16	E S E	E S E
" 22 nd	10° 29'	29° 35'	S 23° E	199	3237	29° 8'	80°	74°	17	E S E	E by n
" 23 rd	7° 14'	28° 00'	S 24° E	220	3457	29° 8'	82°	75°	18	E by n	E by n
" 24 th	3° 58'	26° 2'	S 30° E	232	3689	29° 7'	82°	80°	19	East	E n E
" 25 th	2° 48'	25° 32'	S 21° E	80	3769	29° 5'	82°	82°	20	East	East
" 26 th	1° 10'	24° 50'	S 21° E	108	3877	29° 8'	82°	82°	21	East	E S E
" 27 th	1° 18'	25° 44'	S 11° N	160	4037	29° 8'	83°	83°	22	S E	S E
" 28 th	4° 9'	26° 50'	S 14° N	180	4217	29° 8'	82°	81°	23	S E	S E by S
" 29 th	7° 26'	28° 15'	S 18° N	220	4437	29° 7'	81°	81°	24	S E	S E
" 30 th	10° 49'	29° 15'	S 15° N	213	4650	29° 7'	81°	81°	25	S E	S E
May 1 st	14° 15'	29° 21'	S 3° N	211	4861	29° 7'	80°	80°	26	S S E	E S E
" 2 nd	17° 53'	29° 45'	S 6° N	216	5077	29° 8'	78°	78°	27	S E	E S E
" 3 rd	20° 48'	29° 17'	S 9° E	180	5257	29° 9'	77°	77°	28	S E by E	E by S
" 4 th	23° 18'	28° 25'	S 19° E	160	5417	29° 9'	78°	76°	29	E S E	E n E
" 5 th	24° 39'	27° 12'	S 35° E	105	5522	29° 8'	78°	75°	30	E S E	N n E

Commander from New York towards Garden 1849

Tailer

Remarks

N B W

N W

N N W

South

N N by N

variable

S by S

S S W

S S W

W S W

N by E

N E by N

N E

E by E

E S E

E S E

E by N

E by N

E N E

East

E S E

S E

S E

S E

S E

E S E

E S E

S by S

E S E

N N E

Abstract Log of Ship "Houqua" Chas. P. Low

Date	Lat <small>S. or N.</small>	Long <small>W. or E.</small>	Course	Dist	<small>with tide</small> Dist	Bar	Air	Water	Days out	1 st Port	Middle
May 6 th	26° 57'	23° 35'	S 53° E	244	5766	29° 7	73°	73°	31	NNE	NNE
" 7 th	29° 8'	19° 21'	S 64° E	256	6022	29° 7	72°	71°	32	NNE	NW
" 8 th	31° 6'	15° 50'	S 60° E	264	6276	29° 7	71°	70°	33	NNE	NE
" 9 th	31° 57'	10° 40'	S 77° E	230	6506	29° 6	69°	67°	34	NNE	NW
" 10 th	33° 08'	5° 45'	S 77° E	260	6766	29° 6	65°	66°	35	NW	NW
" 11 th	32° 03'	1° 41'	E 15° N	213	6979	30° 60	65°	65°	36	SW	SE
" 12 th	32° 23'	1° 12'	S 61° E	50	7029	30° 30	65°	65°	37	SW	NW
" 13 th	32° 53'	0° 25'	S 61° E	70	7099	30° 20	66°	65°	38	SW	NW
" 14 th	34° 4'	3° 03'	S 60° E	150	7249	30° 00	66°	65°	39	NW	NW
" 15 th	35° 6'	5° 37'	S 64° E	145	7394	29° 9	64°	62°	40	NW	NW
" 16 th	34° 36'	8° 10'	E 20° N	140	7534	29° 9	64°	64°	41	NW to	SE
" 17 th	36° 22'	8° 57'	S 40° E	60	7594	29° 9	63°	63°	42	Baffling	and
" 18 th	36° 21'	10° 38'	S 52° E	104	7698	29° 9	60°	60°	43	North	to
" 19 th	36° 52'	12° 18'	S 64° E	89	7787	29° 9	58°	58°	44	NW	S
" 20 th	37° 24'	13° 51'	S 64° E	90	7877	29° 9	59°	57°	45	Calm	NE
" 21 st	37° 52'	17° 48'	S 80° E	185	80 62	29° 9	55°	56°	46	NW	SW
" 22 nd	37° 45'	21° 08'	E 3° N	176	8238	29° 9	56°	72°	47	SW	NW
" 23 rd	37° 58'	22° 55'	S 88° E	70	8308	29° 9	56°	66°	48	Calm	SW
" 24 th	38° 26'	27° 19'	S 82° E	211	8519	29° 7	58°	64°	49	NW	NE
" 25 th	38° 50'	31° 36'	E 6° W	208	8727	29° 8	57°	62°	50	SW	NW
" 26 th	38° 25'	36° 44'	S 85° E	251	8978	29° 9	58°	59°	51	NW	NW
" 27 th	38° 45'	41° 42'	S 86° E	235	9213	29° 7	54°	56°	52	NW	NW
" 28 th	39° 00'	46° 25'	S 87° E	227	9440	29° 6	54°	62°	53	NW	NW
" 29 th	39° 27'	52° 12'	S 88° E	270	9710	29° 2	56°	62°	54	NW	NW
" 30 th	38° 59'	55° 58'	E 6° W	180	9890	29° 9	57°	62°	55	NW	SW
" 31 st	38° 35'	59° 03'	E 8° W	150	10040	30° 2	59°	57°	56	SW	SW
June 1 st	38° 20'	60° 55'	E 6° W	90	10130	30° 2	54°	59°	57	South	NNE
" 2 nd	38° 28'	65° 56'	E 4° S	243	10373	30° 60	54°	58°	58	NNE	NE
" 3 rd	38° 1'	71° 28'	E 5° W	267	10640	29° 7	56°	58°	59	NNE	North
" 4 th	37° 49'	73° 53'	E 8° W	115	10755	29° 4	56°	58°	60	NNE	NW

Commander from New York towards Canton 1844
 Teller Remarks.

N N E

N E by N

N N E

N S W

S S W

S by E

S S W

N N W

N N W

N N W

N N to S E

calm

South

calm

N E

S W Crossed the meridian of the Cape of Good Hope

N N W

N W

N W

N N W

N W

N W

N N W

N W

S S W

S S W

N N E

N E

N N E

N W

Abstract Log of Ship "Houqua" Capt. P. Low

Date	Lat ^{South}	Long ^{East}	Course	Dist	Wh ^{h, 20}	Bar	Air	Water	Days out	1 st Part	Widelle
June 5 th	37° 15'	75° 50'	N 73° E	105	10860	30° 00'	54°	64°	61	S W	E N E
" 6 th	35° 40'	80° 47'	N 55° E	240	11100	30° 20'	58°	64°	62	E N E	N E
" 7 th	34° 10'	85° 26'	N 70° E	260	11360	30° 30'	60°	62°	63	N E	N E
" 8 th	32° 6'	89° 24'	N 70° E	218	11578	30° 30'	60°	63°	64	N E	N E
" 9 th	30° 2'	91° 36'	N 34° E	208	11786	30° 30'	64°	69°	65	N W	N W
" 10 th	27° 55'	93° 36'	N 34° E	174	11960	30° 20'	66°	71°	66	N W	S W
" 11 th	26° 34'	95° 00'	N 32° E	160	12120	30° 20'	67°	72°	67	S S E	S W
" 12 th	22° 18'	94° 57'	N 2° W	196	12316	30° 15'	70°	74°	68	E S E	N E
" 13 th	23° 18'	96° 31'	S 68° E	120	12436	30° 15'	70°	73°	69	E N E	E N E
" 14 th	23° 43'	99° 10'	S 72° E	154	12590	30° 20'	70°	72°	70	East	E S E
" 15 th	21° 26'	100° 51'	N 33° E	170	12760	30° 20'	72°	74°	71	E S E	E S E
" 16 th	19° 5'	102° 2'	N 25° E	158	12918	30° 10'	79°	78°	72	E S E	E by S
" 17 th	16° 50'	103° 16'	N 27° E	158	13076	30° 00'	79°	81°	73	E by S	E S E
" 18 th	12° 47'	104° 12'	N 14° E	250	13326	30° 00'	80°	83°	74	E by S	E by S
" 19 th	9° 30'	104° 23'	N 2° E	201	13527	30° 00'	84°	85°	75	E S E	E S E
" 20 th	6° 42'	105° 11'	N 14° E	175	13702	30° 00'	84°	83°	76	E S E	E by N
" 21 st	6° 28'	105° 27'	N 44° E	17	13719	30° 00'	84°	83°	77	S E	S E
" 22 nd	At Anchor in Anjer				78 Days from				78	New York	
" 23 rd	5° 41'	106° 01'	North	35	13754	30° 00'	87°	86°	79	West	N S W
" 24 th	4° 00'	106° 34'	North	105	13859	30° 00'	86°	87°	80	S W	S E
" 25 th	2° 25'	107° 10'	N 22° E	110	13969	29° 90'	88°	87°	81	East	S E
" 26 th	0° 3'	107° 14'	N 14° E	147	14116	29° 90'	88°	87°	82	South	S S W
" 27 th	2° 1'	108° 31'	N 22° E	130	14246	29° 90'	88°	87°	83	S S W	S S W
" 28 th	3° 50'	108° 43'	N 14° E	113	14359	29° 80'	89°	87°	84	S W	N S W
" 29 th	6° 3'	109° 18'	N 14° E	136	14495	29° 90'	87°	88°	85	S W	S W
" 30 th	9° 9'	109° 52'	N 11° E	190	14685	29° 90'	89°	87°	86	N S W	West
July 1 st	12° 38'	111° 42'	N 25° E	235	14920	29° 90'	86°	86°	87	N N W	West
" 2 nd	14° 58'	113° 23'	N 34° E	172	15092	29° 90'	87°	85°	88	S W	S W
" 3 rd	18° 00'	114° 11'	N 13° E	190	15282	29° 90'	85°	85°	89	S W	S W
" 4 th	20° 52'	114° 21'	N 3° E	172	15454	29° 90'	86°	85°	90	S S W	S S W

Commander from New York towards Canton

1849

Latitudes

Remarks

E N E

N E

N E

N E

N W

S W

S E

N E

E N E

E N E

E S E

E by S

E S E

E by S

East

E by N

E by E

West

N S W

S E

S S E

S S W

S S W

N S W

S W

N by S

S W

S W

S S W

S W

At 2 am Anchored in Hong Kong 90 days from New York.
at noon July 5th got under weigh & proceeded to Whampoa

Abstract Log of Ship 'Hongqua' Capt. P. Low											
Date	Lat.	Long.	Course	Dist	Whole Dist	Bar	Air	Water	Days out	Per Part	Winds Middle
Sept 22	14° 50'	111° 40'	S 28° W	236	236	29.4	86°	85°	1	NNE	North
23	16° 05'	110° 10'	S 28° W	202	438	29.5	84°	86°	2	North	N by W
24	13° 16'	110° 00'	S 5° W	162	600	29.6	84°	86°	3	N by W	West
25	12° 25'	110° 42'	S 26° E	75	675	29.6	82°	85°	4	ESE.	Port to West
26	11° 47'	110° 7'	S 44° W	36	731	29.9	82°	85°	5	SEW.	SE by W
27	10° 36'	109° 35'	S 26° W	62	793	29.9	80°	86°	6	SE by W	SE by W
28	7° 40'	109° 41'	S 3° E	76	869	29.9	80°	86°	7	NEW.	SE.
29	9° 1'	109° 18'	S 24° W	44	913	29.9	81°	85°	8	SEW.	NEW.
30	7° 44'	109° 55'	S 5° W	76	989	29.9	80°	87°	9	South	NEW.
Oct 1	6° 37'	110° 07'	S 11° E	67	1056	29.9	80°	87°	10	Variable	airs
2	5° 47'	109° 59'	S 11° W	50	1106	29.9	84°	86°	11	SE by S	SE
3	4° 39'	109° 15'	S 24° W	82	1188	29.9	85°	86°	12	N by W	NW
4	3° 16'	108° 56'	S 9° W	83	1271	29.9	83°	86°	13	NW	NW
5	2° 55'	108° 32'	S 48° W	35	1306	29.9	85°	86°	14	South	West
6	2° 36'	108° 26'	S 26° W	25	1331	29.9	84°	87°	15	SEW.	SE
7	1° 55'	108° 13'	S 5° W	43	1374	29.9	83°	87°	16	NW	N by W
8	0° 35'	108° 24'	S 4° E	79	1453	29.9	84°	87°	17	NW	SEW.
9	0° 02'	107° 36'	S 52° W	62	1515	29.9	82°	87°	18	Variable	West
10	0° 52'	107° 3'	S 22° W	52	1567	29.9	82°	87°	19	NW.	SE
11	1° 52'	107° 11'	S 8° E	60	1627	29.9	83°	87°	20	SEW.	SEW.
12	2° 25'	107° 13'	S 4° E	33	1660	29.9	85°	87°	21	SEW.	SEW.
13	2° 58'	107° 2'	S 22° W	33	1693	29.9	84°	87°	22	SE by S.	SE
14	4° 05'	107° 25'	S 22° W	73	1766	29.9	83°	87°	23	SEW.	SEW.
15	4° 48'	106° 39'	S 43° W	63	1829	29.9	82°	87°	24	South	SE
16	5° 27'	106° 28'	S 22° E	42	1871	29.9	85°	87°	25	SEW.	SEW.
17	5° 53'	105° 52'	S 38° W	-	-	29.9	85°	87°	26	SEW.	SEW.
18	At Anchor in Unger			26	Days from Macao.			-	27		
19	6° 51'	1103° 39'	S 71° W	145	2016	29.8	82°	88°	28	SE by W	South
20	8° 23'	100° 25'	S 62° W	206	2222	29.9	80°	83°	29	ESE.	ESE
21	9° 37'	96° 22'	S 71° W	254	2476	29.9	80°	82°	30	ESE.	ESE

Commander. from Canton towards New York 1847, 18.6

Tatter

Remarks.

North

N by E

S S W

S by W

S by E

S by W

W S W

S by E

W S W

x calm

S W

N W

S S W

West

West

W by W

S S W

S E

S W

S S W

S S W

S S W

S S W

S S W

S S W

S S W

S by S

S S E

Abstract Log of Ship "Honouqua" Chas. D. Low.

Date	Time		Course	Dist	Whole Dist	Bar	Air	Water	Days Out	Winds	
	Lat	Long								Part	Middle
Oct 22	11° 50'	95° 20'	S 32° E	208	2684	29° 80	81°	80°	31	S by E	E S E
" 23	13° 7'	95° 00'	S 34° N	224	2908	29° 70	80°	79°	32	E S E	E S E
" 24	14° 44'	94° 17'	S 77° N	240	3148	29° 40	80°	77°	33	S E by E	S E by E
" 25	15° 50'	93° 00'	S 34° N	220	3368	30° 10	78°	77°	34	S E	S P E
" 26	17° 15'	90° 30'	S 60° N	158	3526	30° 10	76°	76°	35	South	S P E
" 27	18° 13'	86° 49'	S 82° N	230	3756	30° 10	76°	74°	36	S P E	South
" 28	19° 38'	83° 16'	S 80° N	201	3957	30° 10	76°	74°	37	S P E	S by E
" 29	19° 55'	69° 14'	S 80° N	216	4173	30° 10	76°	75°	38	S E	E by S
" 30	20° 47'	66° 38'	S 82° N	185	4358	30° 10	77°	73°	39	E by S	S E
" 31 st	21° 35'	64° 20'	S 67° N	142	4500	30° 10	72°	74°	40	East	E P E
Nov 1 st	22° 38'	62° 42'	S 80° N	700	4600	30° 10	72°	74°	41	E N E	S P E
" 2 nd	22° 32'	61° 22'	S 69° N	76	4676	30° 00	77°	75°	42	North	South
" 3 rd	22° 35'	60° 34'	S 86° N	55	4731	30° 00	76°	75°	43	N	"
" 4 th	23° 27'	59° 57'	S 38° N	68	4799	30° 00	77°	74°	44	N W	North
" 5 th	24° 8'	58° 10'	S 65° N	112	4911	29° 90	78°	75°	45	Calm	N E
" 6 th	24° 40'	56° 31'	S 65° N	96	5007	29° 90	78°	75°	46	N E	S W
" 7 th	25° 2'	55° 30'	S 66° N	62	5069	29° 90	77°	75°	47	S P E	East
" 8 th	26° 22'	52° 40'	S 66° N	180	5249	29° 90	78°	75°	48	E N E	Calm
" 9 th	26° 42'	50° 18'	S 78° N	76	5325	29° 40	78°	75°	49	E N E	Calm
" 10 th	27° 21'	47° 31'	S 78° N	204	5529	30° 10	74°	74°	50	South	S E
" 11 th	28° 16'	43° 39'	S 75° N	216	5745	30° 10	73°	72°	51	S E	S E
" 12 th	29° 38'	41° 03'	S 59° N	167	5912	30° 00	70°	70°	52	E S E	N E
" 13 th	29° 10'	39° 26'	N 88° W	95	6007	30° 00	70°	71°	53	S W	N P W
" 14 th	28° 48'	37° 52'	N 88° W	80	6087	29° 80	64°	75°	54	S W	N P W
" 15 th	29° 15'	36° 36'	S 67° N	78	6165	29° 70	68°	74°	55	S W	East
" 16 th	30° 34'	33° 31'	S 58° N	180	6345	29° 80	75°	75°	56	East	E N E
" 17 th	32° 02'	30° 56'	S 56° N	160	6505	29° 80	72°	73°	57	E N E	N W
" 18 th	33° 40'	29° 51'	S 56° N	70	6575	29° 60	75°	73°	58	N W	N W
" 19 th	33° 13'	29° 52'	South	28	6603	29° 60	73°	70°	59	N N W	West
" 20 th	33° 12'	28° 54'	S 66° N	55	6658	29° 70	74°	66°	60	S W	S W

Commander from Canton towards New York 1847 + 1850

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Abstract Log of Ship "Houqua"					Chas. P. Low						
Date	Lat	Long	Course	Dist	Whole		Air	Water	Days out	Part	Winds
					Dist	Bar					Middle
Nov 21 st	34° 03'	29° 15'	S 32° E	55	6713	29.6	70°	63°	61	N by W	N by N
" 22 nd	34° 14'	29° 55'	S 56° E	70	6783	29.5	66°	64°	62	N by S	S N
" 23 rd	35° 3'	24° 00'	S 77° W	204	6887	29.9	64°	63°	63	West	S E
" 24 th	30° 10'	20° 28'	S 60° W	184	7071	29.6	62°	62°	64	E S E	E N E
" 25 th	34° 50'	20° 44'	N 38° E	40	7141	29.6	63°	64°	65	N W by N	N N W
" 26 th	35° 09'	19° 54'	N 66° W	45	7186	29.7	60°	63°	66	N N W	N W
" 27 th	30° 11'	15° 35'	N 78° W	64	7250	29.7	60°	62°	67	N N W	West
" 28 th	30° 2'	14° 38'	N 65° W	234	7484	29.8	66°	65°	68	S S E	S S E
" 29 th	30° 55'	11° 34'	N 53° W	204	7688	29.9	66°	65°	69	S S E	S N
" 30 th	27° 05'	8° 54'	N 53° W	178	7866	29.9	68°	66°	70	S S E	S W
Dec 1 st	27° 41'	6° 14'	N 53° W	170	8036	30.00	68°	66°	71	N S W	S E
" 2 nd	26° 18'	2° 43'	N 55° W	206	8242	30.00	67°	67°	72	S E	S E
" 3 rd	24° 38'	0° 17'	N 66° W	162	8404	30.00	70°	68°	73	S E	S E
" 4 th	22° 6'	2° 51'	N 54° W	194	8598	30.00	70°	69°	74	S E by E	E S E
" 5 th	21° 42'	5° 15'	N 60° W	168	8766	30.00	72°	69°	75	East	S E
" 6 th	20° 17'	7° 42'	N 60° W	154	8920	30.00	71°	70°	76	East	E N E
" 7 th	19° 43'	8° 50'	N 59° W	78	8998	30.10	71°	73°	77	N E	North
" 8 th	19° 35'	9° 00'	N 59° W	18	9016	30.10	72°	73°	78	Calm	Calm
" 9 th	18° 28'	9° 32'	N 22° W	83	9099	30.10	72°	73°	79	N W	East
" 10 th	17° 25'	11° 02'	N 22° W	98	9197	30.10	74°	73°	80	N E	N E
" 11 th	15° 36'	13° 25'	N 57° W	175	9372	30.20	75°	73°	81	S E	S E
" 12 th	13° 46'	15° 23'	N 48° W	158	9530	30.20	76°	73°	82	S E	S E
" 13 th	12° 06'	18° 29'	N 46° W	210	9740	30.20	76°	74°	83	S E	East
" 14 th	10° 23'	21° 13'	N 56° W	198	9938	30.20	77°	74°	84	East	East
" 15 th	8° 29'	23° 35'	N 56° W	182	10120	30.10	78°	79°	85	S E	S E
" 16 th	6° 32'	25° 48'	N 46° W	180	10300	30.10	80°	80°	86	S E	S E
" 17 th	4° 39'	28° 24'	N 52° W	188	10488	30.00	81°	80°	87	S E	S E by E
" 18 th	2° 54'	30° 43'	N 48° W	185	10673	30.00	82°	81°	88	E S E	East
" 19 th	0° 57'	32° 57'	N 49° W	172	10845	30.00	84°	81°	89	N E	N E by E
" 20 th	1° 6'	35° 24'	N 46° W	195	11040	30.00	83°	82°	90	S E	S E

Commander from Canton towards New York May 1 1850

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Passed Cape of Good Hope

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Abstract Log of Ship "Houqua"

Chas. P. Low.

Date	Trall		Course	Dist	Whole		Bar	Air	Water	Days		Winds
	North	West			Dist	Bar				Out	Part	Middle
Dec 21 st	5° 07'	37° 48'	N 46° W	188	11328	29° 8'	83°	82°	91	SE	SE	
22 nd	6° 10'	39° 50'	N 40° W	176	11498	29° 90'	84°	82°	92	SE	SE to NE	
23 rd	6° 39'	40° 46'	N 46° W	150	11648	29° 90'	83°	81°	93	NE	SE	
24 th	8° 46'	44° 58'	N 58° W	276	11924	30° 00'	81°	80°	94	NE	NE	
25 th	11° 06'	48° 23'	N 52° W	258	12182	30° 10'	79°	80°	95	NE	NE	
26 th	13° 31'	51° 54'	N 54° W	252	12434	30° 10'	77°	79°	96	NE to N	NE	
27 th	16° 7'	54° 52'	N 46° W	240	12674	30° 20'	76°	78°	97	NE	NE	
28 th	18° 51'	57° 58'	N 40° W	240	12914	30° 20'	76°	78°	98	NE	NE	
29 th	21° 23'	61° 17'	N 46° W	248	13162	30° 20'	76°	78°	99	NE	East	
30 th	24° 6'	63° 59'	N 43° W	228	13390	30° 20'	76°	76°	100	SE	South	
31 st	25° 51'	65° 23'	N 40° W	130	13520	30° 10'	74°	75°	101	NE	SE	
1850 Jan 1 st	27° 52'	66° 52'	N 36° W	160	13680	30° 00'	70°	72°	102	SE	SE	
2 nd	30° 21'	69° 16'	N 35° W	186	13866	30° 00'	68°	70°	103	South	West	
3 rd	33° 21'	71° 8'	N 27° W	205	14071	30° 10'	68°	68°	104	NE	East	
4 th	35° 40'	71° 52'	N 41° W	150	14221	30° 10'	64°	68°	105	SE	SE	
5 th	36° 48'	72° 52'	N 35° W	76	14297	30° 00'	40°	74°	106	W	NE	
6 th	37° 30'	72° 22'	N 25° E	48	14345	30° 00'	40°	54°	107	W	W	
7 th	39° 3'	73° 08'	N 20° W	96	14441	30° 00'	45°	54°	108	NE	SE	
8 th				100	14541	30° 10'			109			

Commander from Canton towards New York 1849 & 1850

Tratter

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SE & NE

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Took a Pilot off Absecon

Morning toward to New York. 109 Days from
Macao.

This ends my 6th voyage as master

" " " 7th " to China

" " " 13th " to Sea

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